## SEQUENCE LISTING

<110> McGill University <120> Oligonucleotide Inhibitors of MBD2/DNA Demethylase and Uses Thereof <130> 26473U <140> 10/518,470 <141> 2003-06-20 <150> 60/389,926 <151> 2002-06-20 <160> 15 <170> FastSEO for Windows Version 4.0 <210> 1 <211> 2584 <212> DNA <213> Homo sapiens <220> <221> misc feature <222> (0)...(0) <223> cDNA MBD2/dMTase <400> 1 gggggggtgg ccccgagaag gcggagacaa gatggccgcc catagcgctt ggaggaccta 60 agaggeggtg geeggggeea egeeceggge aggagggeeg etetgtgege geeegeteta 120 tgatgcttgc gcgcgtcccc cgcgcgccgc gctgcgggcg gggcgggtct ccgggattcc 180 aagggetegg ttaeggaaga agegeagege eggetgggga gggggetgga tgeqegeae 240 cccgggggga ggccgctgct gcccggagca ggaggagggg gagagtgcgg cqqqcqqcaq 300 cggcgctggc ggcgactccg ccatagagca ggggggccag ggcagcgcgc tcgccccqtc 360 cccggtgagc ggcgtgcgca gggaaggcgc tcggggcggc ggccgtggcc gggggcggtg 420 gaagcaggcg ggccggggcg gcggcgtctg tggccgtggc cggggccggg gccgtggccg 480 gggacgggga cggggccgg gccggggccg cggccgtccc ccgagtggcg gcagcggcct 540 tggcggcgac ggcggcggct gcggcggcgg cggcagcggt ggcggcggcg ccccccggcg 600 ggagccggtc cctttcccgt cggggagcgc ggggccgggg cccaggggac cccgggccac 660 ggagageggg aagaggatgg attgcccggc cctcccccc ggatggaaga aggaggaagt 720 gatecgaaaa tetgggetaa gtgetggeaa gagegatgte tactaettea gtecaagtgg 780 taagaagttc agaagcaagc ctcagttggc aaggtacctg ggaaatactg ttgatctcag 840 cagttttgac ttcagaactg gaaagatgat gcctagtaaa ttacagaaga acaaacagag 900 actgcgaaac gatcctctca atcaaaataa gggtaaacca gacttgaata caacattgcc 960 aattagacaa acagcatcaa ttttcaaaca accggtaacc aaagtcacaa atcatcctag 1020 taataaagtg aaatcagacc cacaacgaat gaatgaacag ccacgtcagc ttttctggga 1080 gaagaggcta caaggactta gtgcatcaga tgtaacagaa caaattataa aaaccatgga 1140 actacceasa ggtcttcaag gagttggtcc aggtagcaat qatgagaccc ttttatctgc 1200 tgttgccagt gctttgcaca caagctctgc gccaatcaca gggcaagtct ccgctgctgt 1260 ggaaaagaac cctgctgttt ggcttaacac atctcaaccc ctctgcaaag cttttattgt 1320 cacaqatqaa qacatcaqqa aacaqqaaqa qcqaqtacaq caaqtacqca aqaaattqqa 1380 agaagcactg atggcagaca tcttgtcgcg agctgctgat acagaagaga tggatattga 1440

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